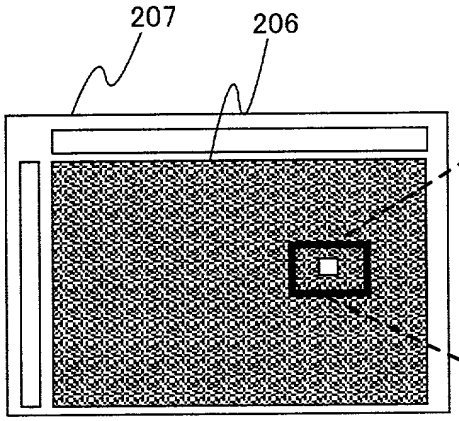


Fig. 1A

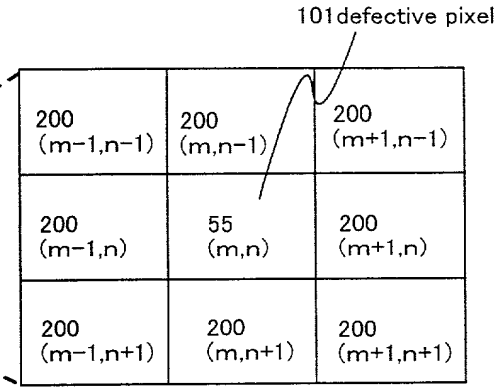


Fig. 1B

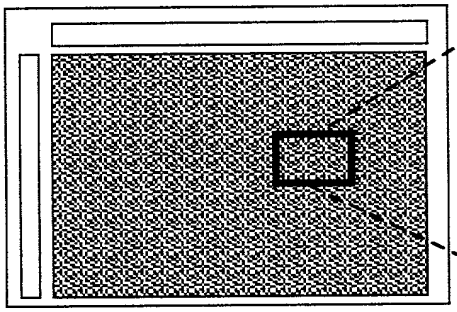


Fig. 1C

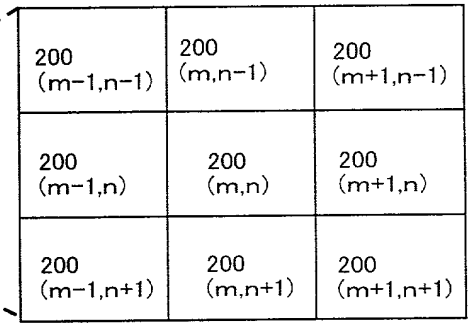
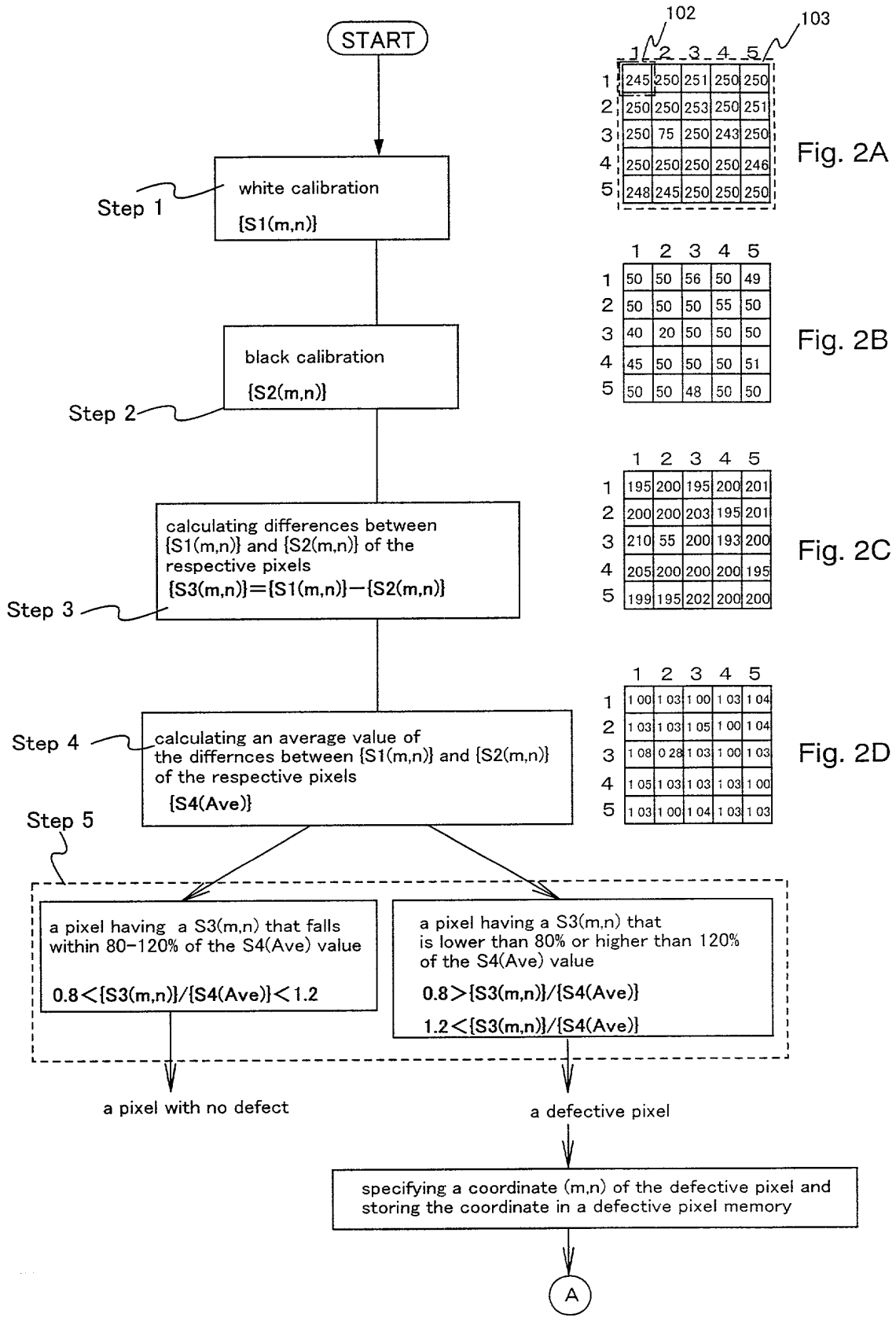


Fig. 1D

JP2004-023502



102 103

	1	2	3	4	5
1	245	250	251	250	250
2	250	250	253	250	251
3	250	75	250	243	250
4	250	250	250	250	246
5	248	245	250	250	250

Fig. 2A

	1	2	3	4	5
1	50	50	56	50	49
2	50	50	50	55	50
3	40	20	50	50	50
4	45	50	50	50	51
5	50	50	48	50	50

Fig. 2B

	1	2	3	4	5
1	195	200	195	200	201
2	200	200	203	195	201
3	210	55	200	193	200
4	205	200	200	200	195
5	199	195	202	200	200

Fig. 2C

	1	2	3	4	5
1	1 00	1 03	1 00	1 03	1 04
2	1 03	1 03	1 05	1 00	1 04
3	1 08	0 28	1 03	1 00	1 03
4	1 05	1 03	1 03	1 03	1 00
5	1 03	1 00	1 04	1 03	1 03

Fig. 2D

20050224.1CP2.0404

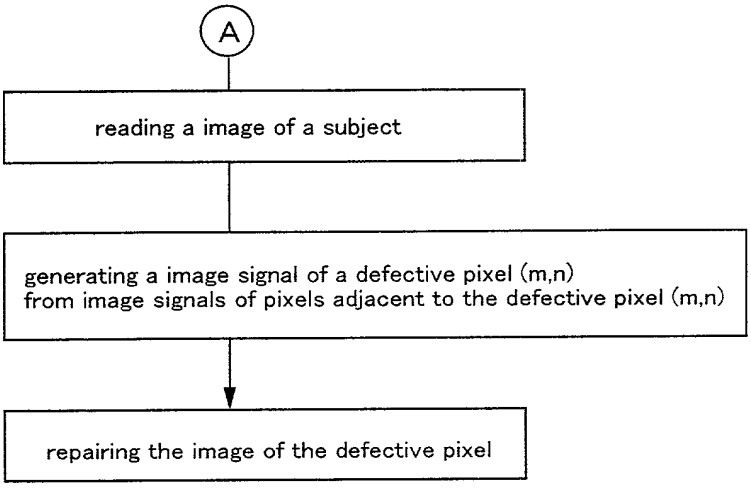


Fig. 3A

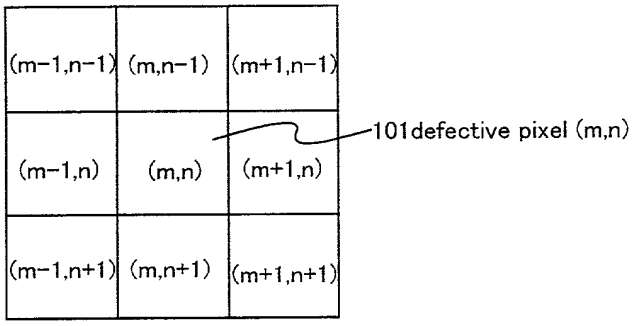


Fig. 3B

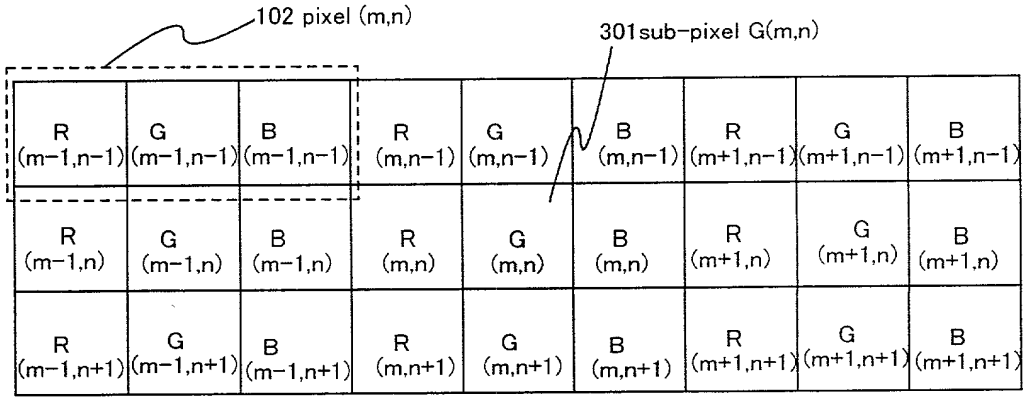


Fig. 3C

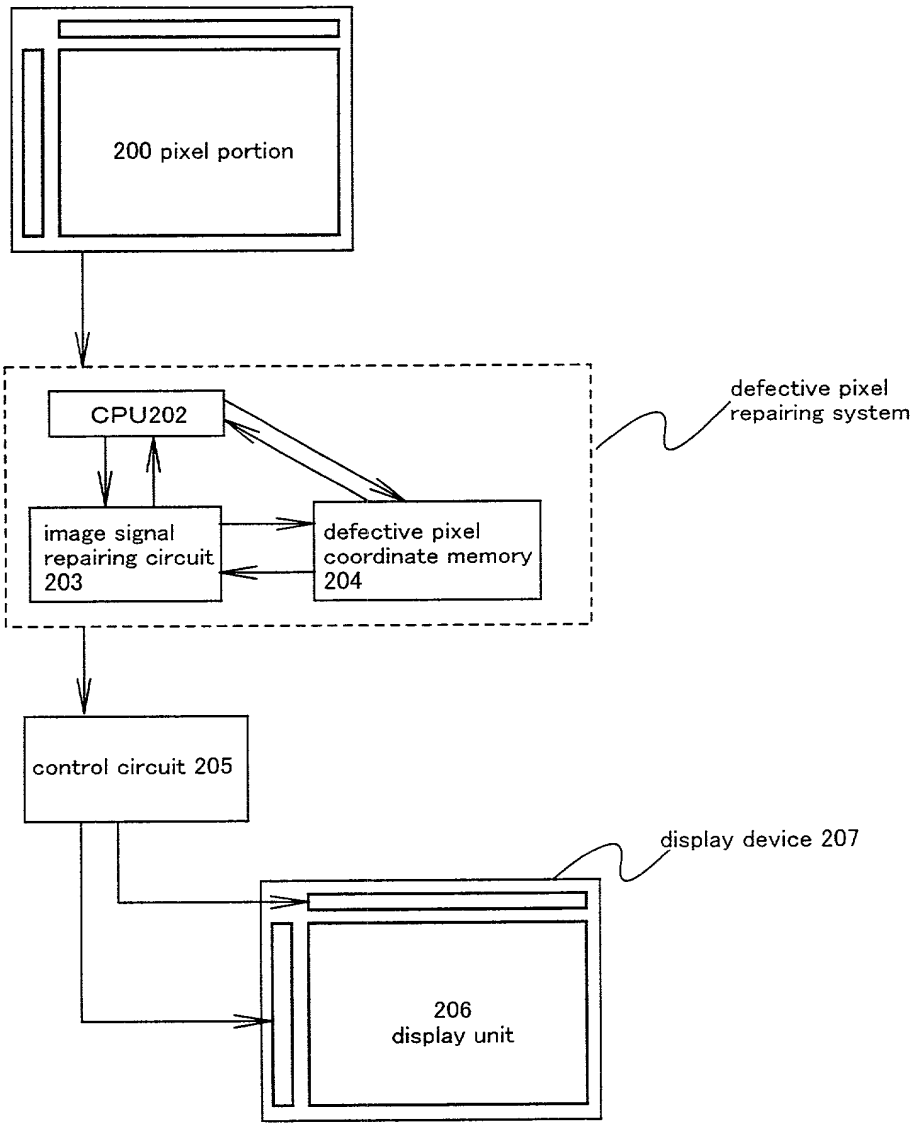

200 pixel portion
CPU202
defective pixel
repairing system
image signal
repairing circuit
203
defective pixel
coordinate memory
204
control circuit 205
display device 207
206
display unit

Fig. 4

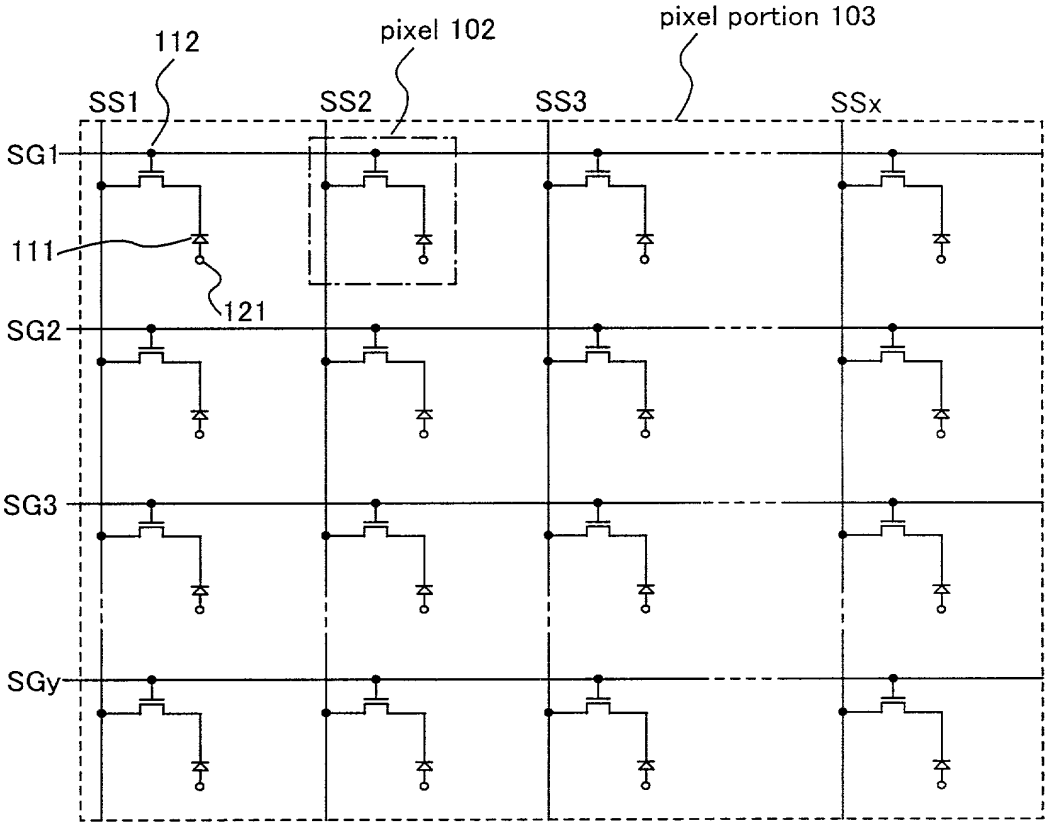

112
pixel 102
pixel portion 103
SS1
SS2
SS3
SSx
SG1
111
121
SG2
SG3
SGy

Fig. 5

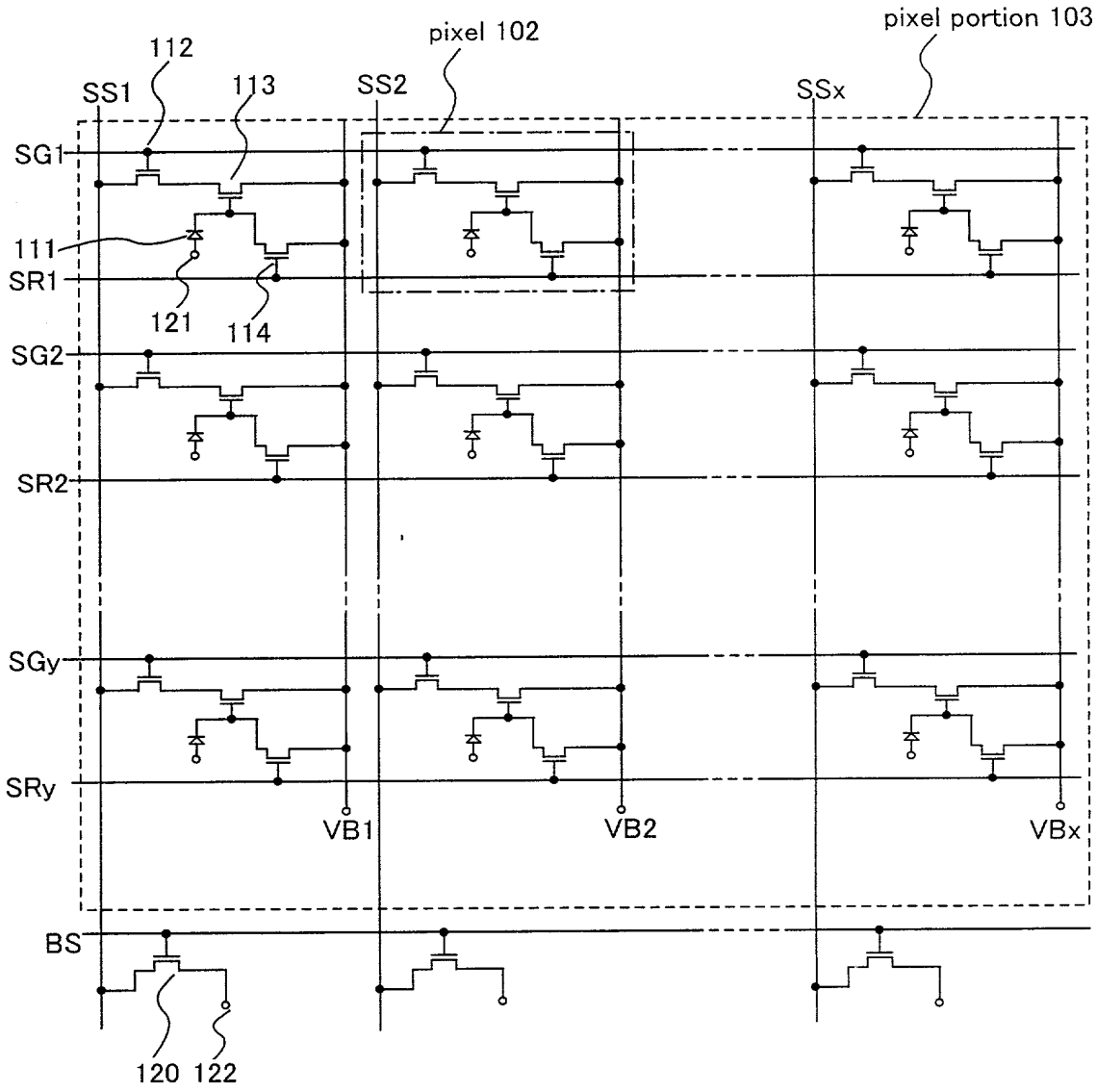

pixel portion 103
pixel 102
112
SS1
113
SS2
SSx
SG1
111
SR1
121
114
SG2
SR2
SGy
SRy
VB1
VB2
VBx
BS
120
122

Fig. 6

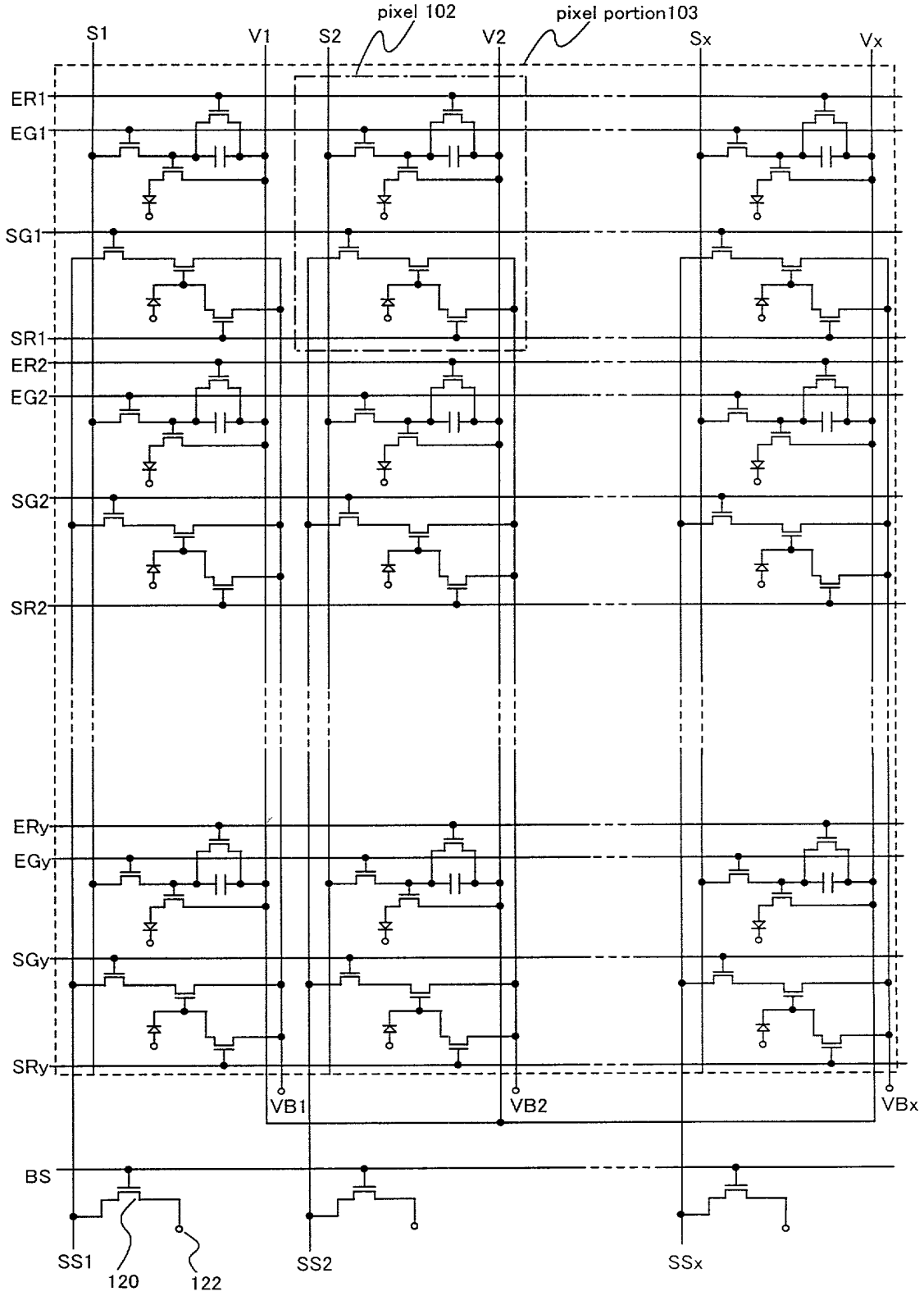

pixel 102
pixel portion103
S1
V1
S2
V2
Sx
Vx
ER1
EG1
SG1
SR1
ER2
EG2
SG2
SR2
ERy
EGy
SGy
SRy
VB1
VB2
VBx
BS
SS1
120
122
SS2
SSx

Fig. 7

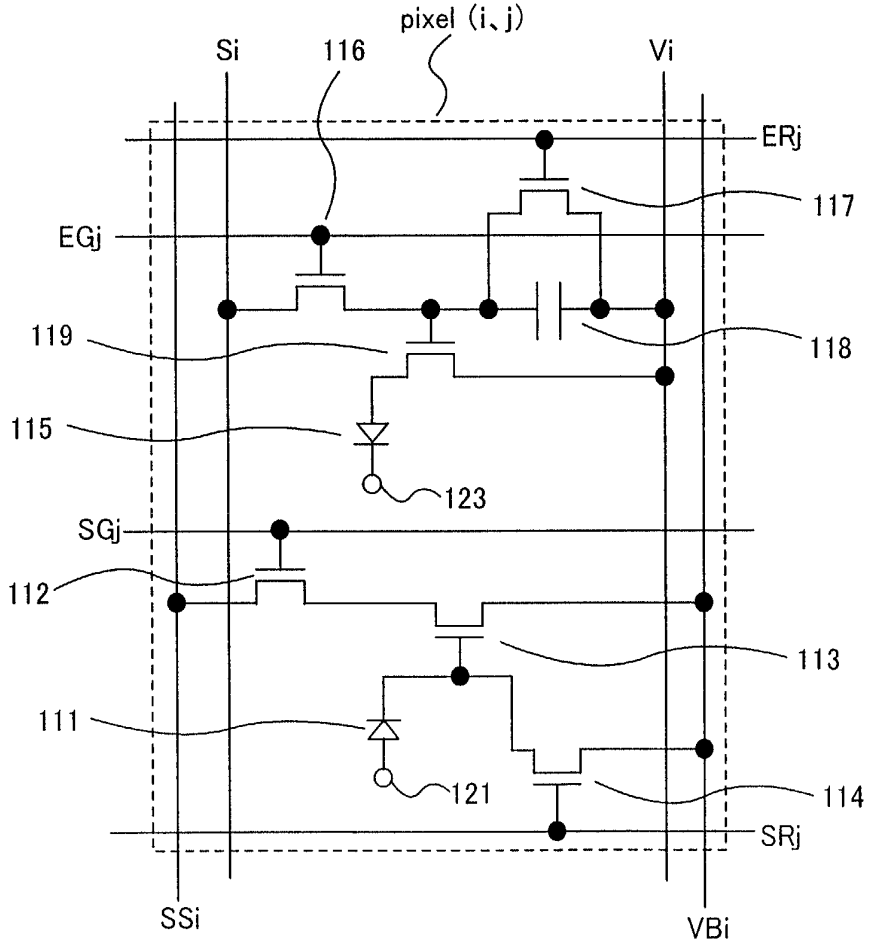

pixel (i, j)
Si
116
Vi
ERj
117
EGj
119
118
115
123
SGj
112
113
111
121
114
SRj
SSi
VBi

Fig. 8

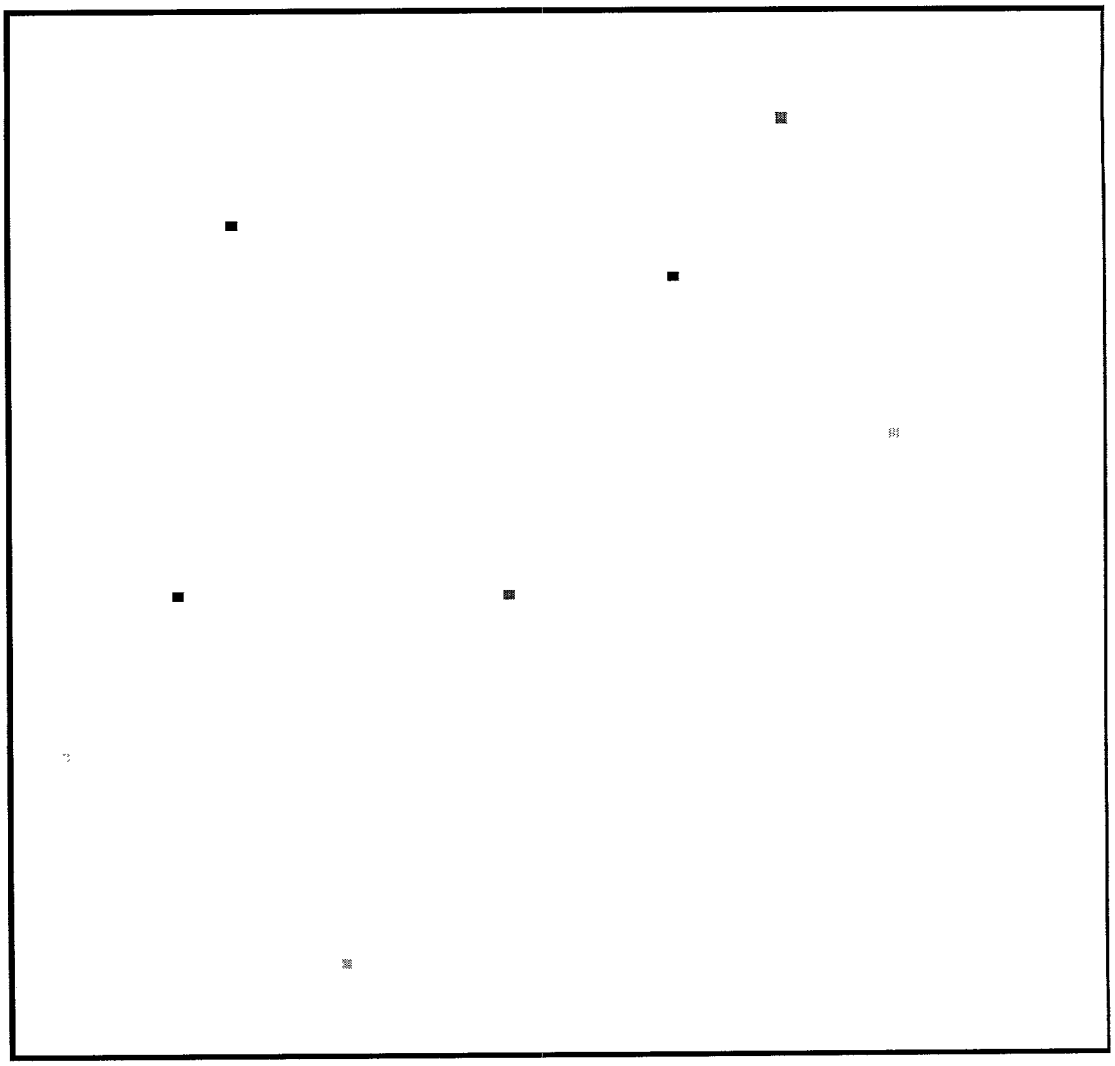


Fig. 9

20020401.025802

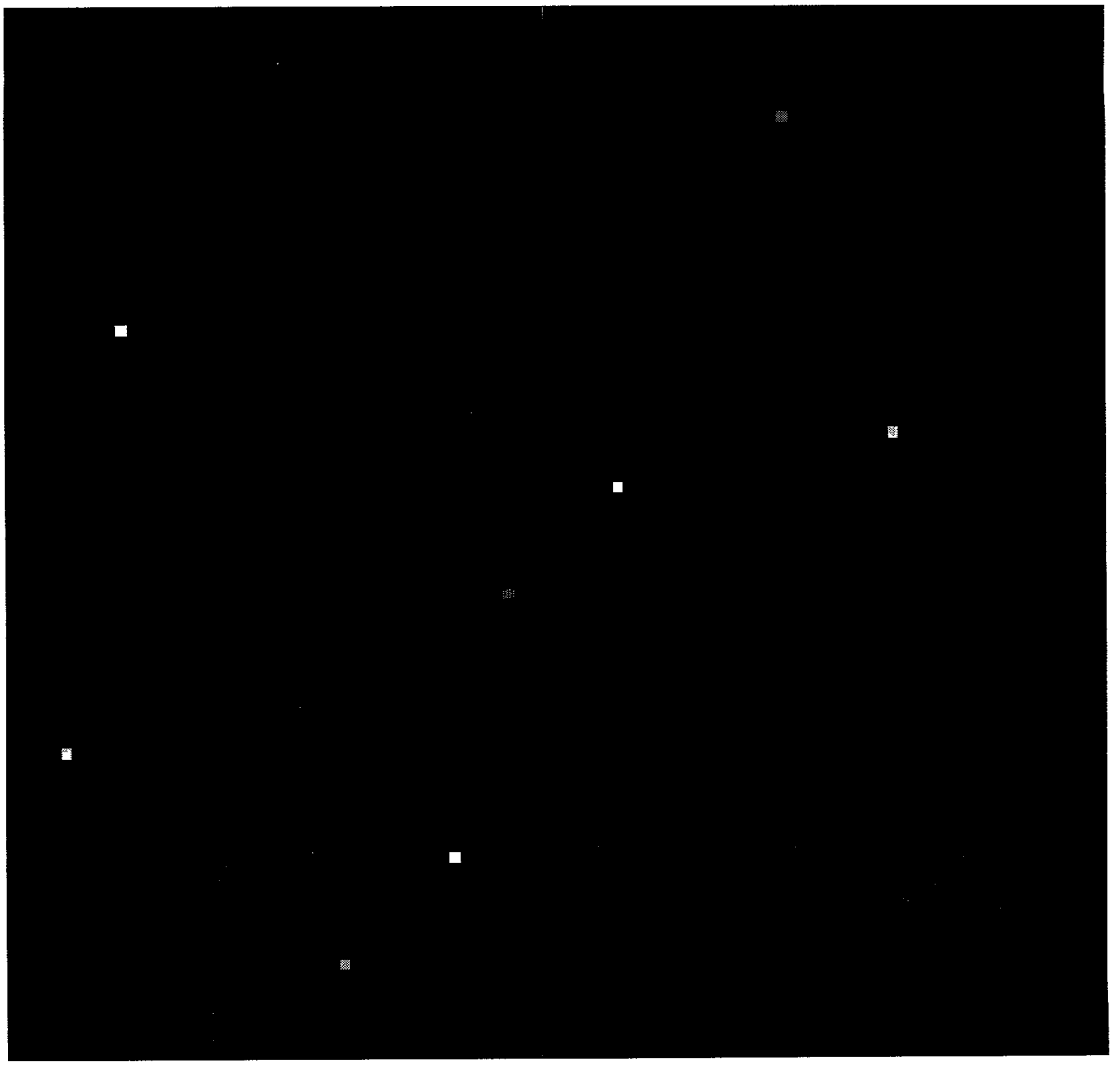


Fig. 10

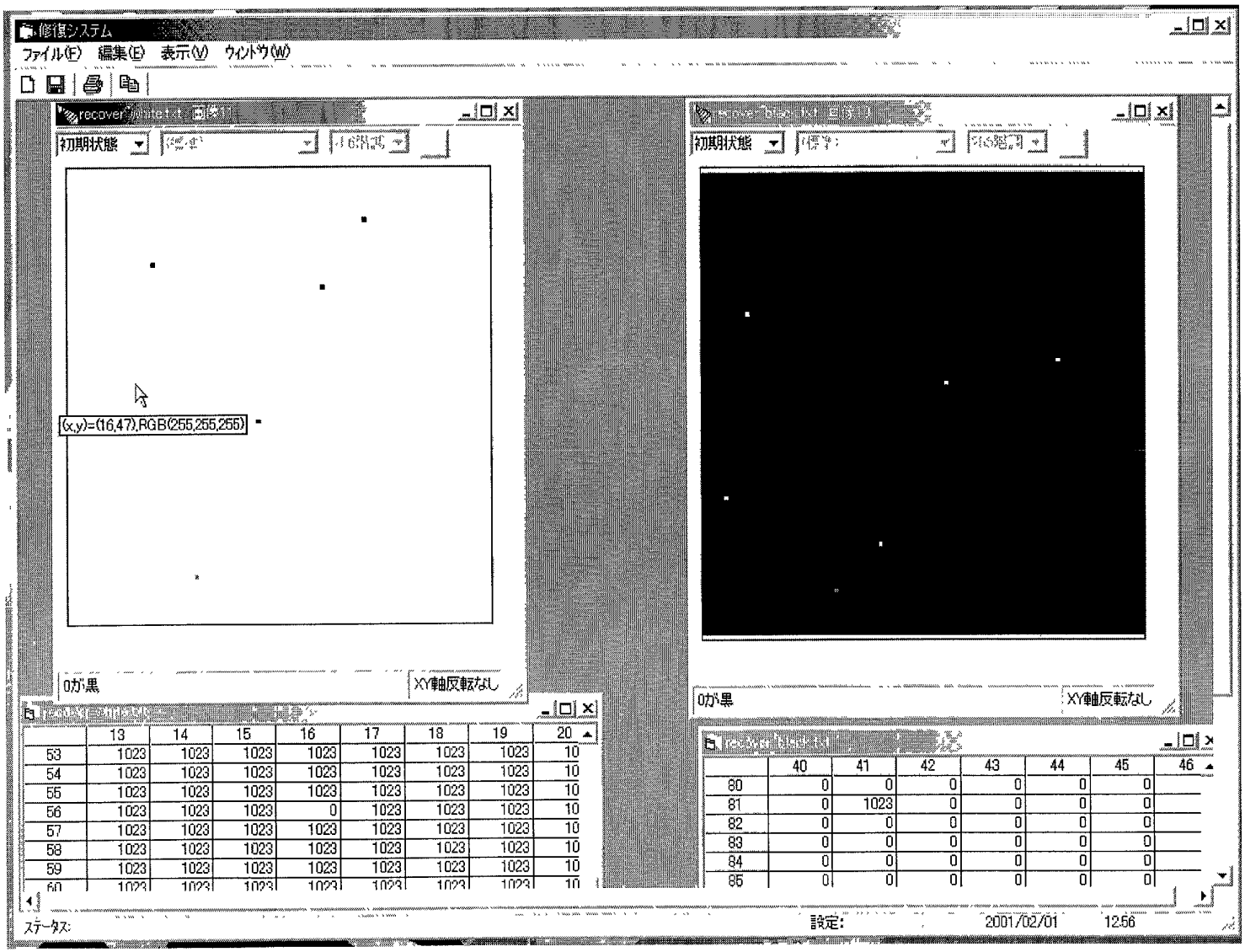

修復システム
ファイル(F) 編集(E) 表示(V) ウィンドウ(W)
初期状態
(x,y)=(16,47),RGB(255,255,255)
0が黒
XY軸反転なし
初期状態
0が黒
XY軸反転なし
13 14 15 16 17 18 19 20
53 1023 1023 1023 1023 1023 1023 1023 10
54 1023 1023 1023 1023 1023 1023 1023 10
55 1023 1023 1023 1023 1023 1023 1023 10
56 1023 1023 1023 0 1023 1023 1023 10
57 1023 1023 1023 1023 1023 1023 1023 10
58 1023 1023 1023 1023 1023 1023 1023 10
59 1023 1023 1023 1023 1023 1023 1023 10
40 41 42 43 44 45 46
80 0 0 0 0 0 0
81 0 1023 0 0 0 0
82 0 0 0 0 0 0
83 0 0 0 0 0 0
84 0 0 0 0 0 0
85 0 0 0 0 0 0
ステータス:
設定:
2001/02/01
12:56

Fig. 11

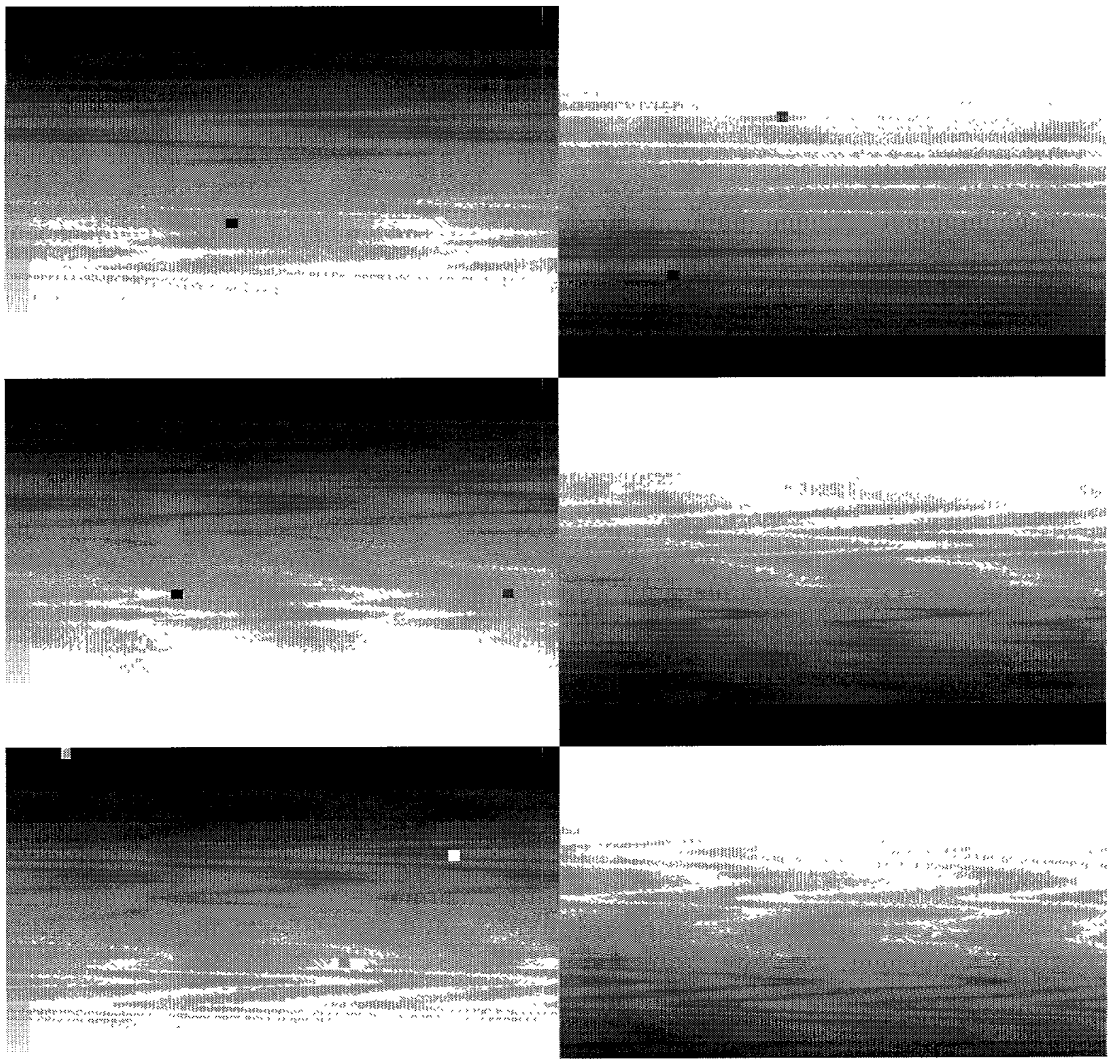


Fig. 12

20050104.0252502

20020704.0020.4

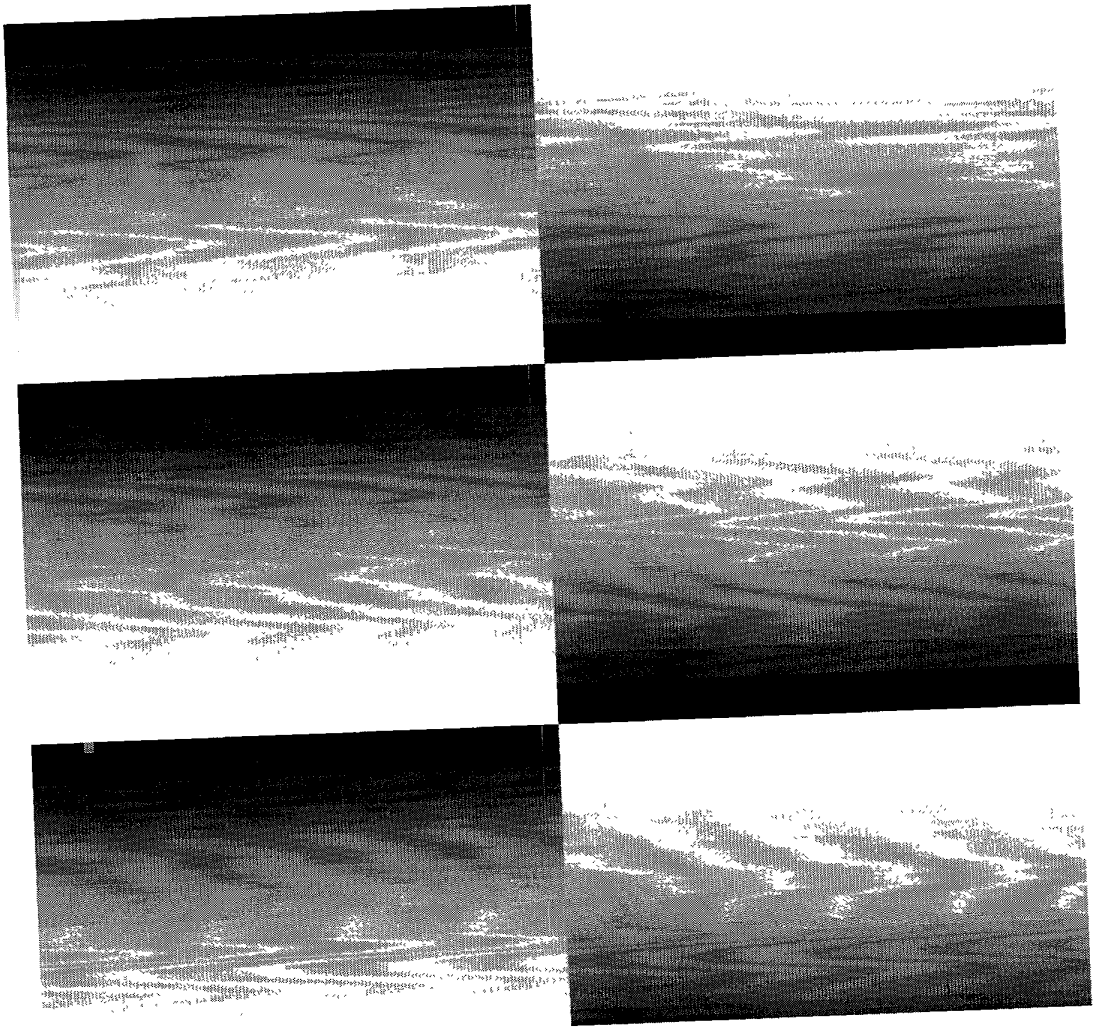


Fig. 13

2005-0234-US-PCT-00262502

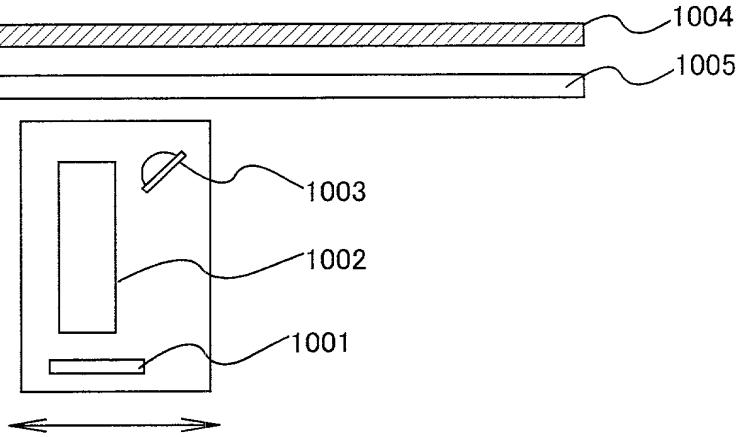


Fig. 14A

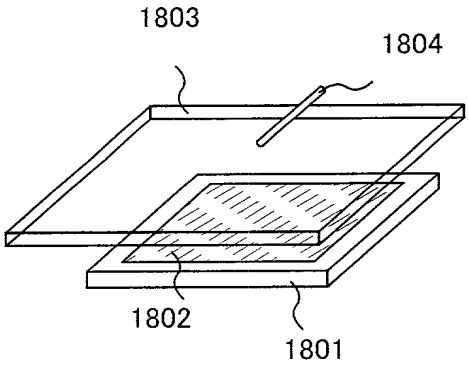


Fig. 14B

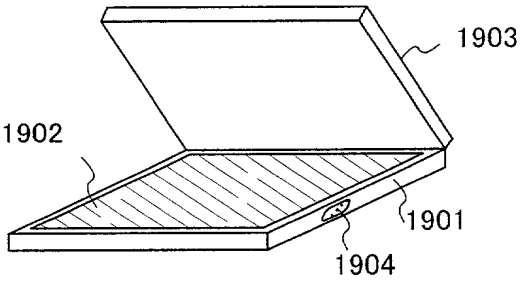


Fig. 14C

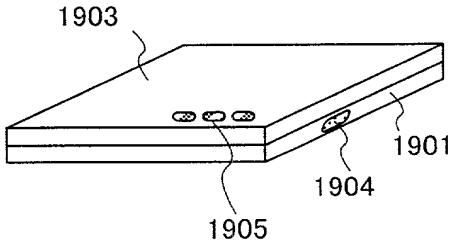


Fig. 14D

Fig. 15A

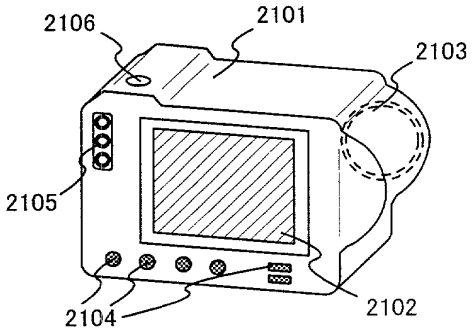


Fig. 15B

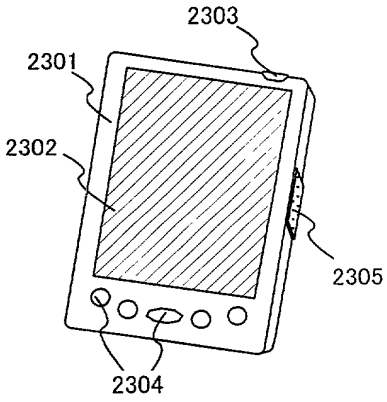
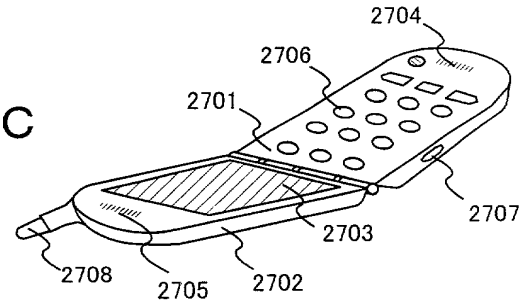


Fig. 15C



EP 0 932 081 A2 28-07-1999

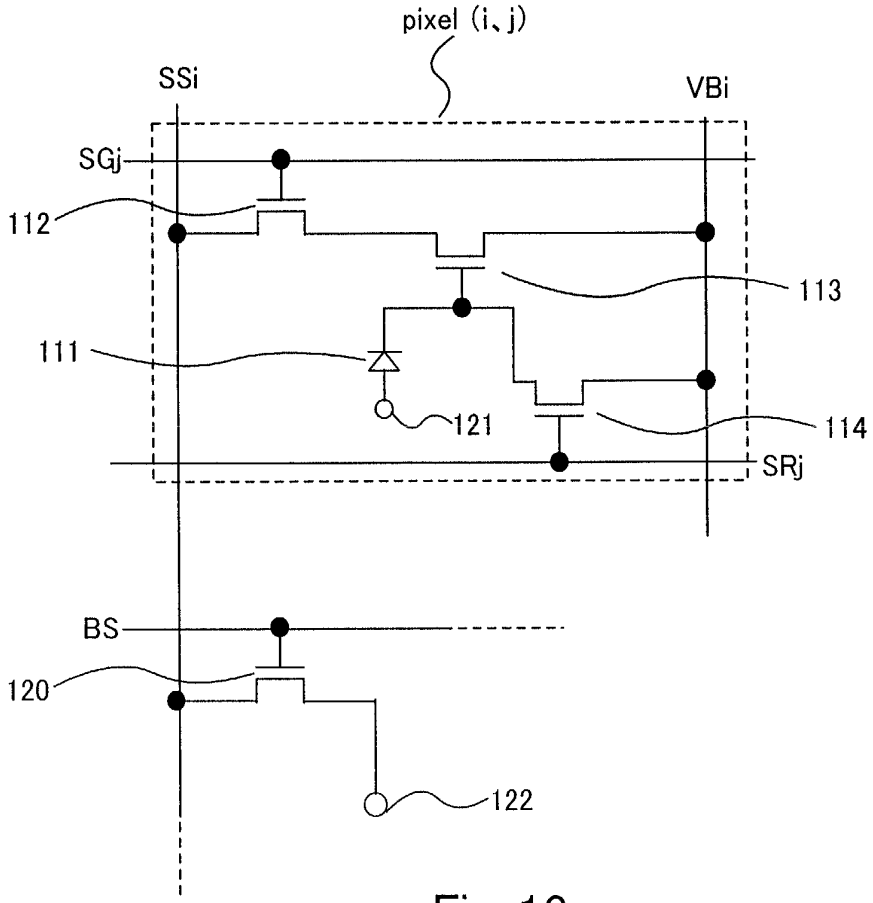


Fig. 16

20050228.1041.0228502

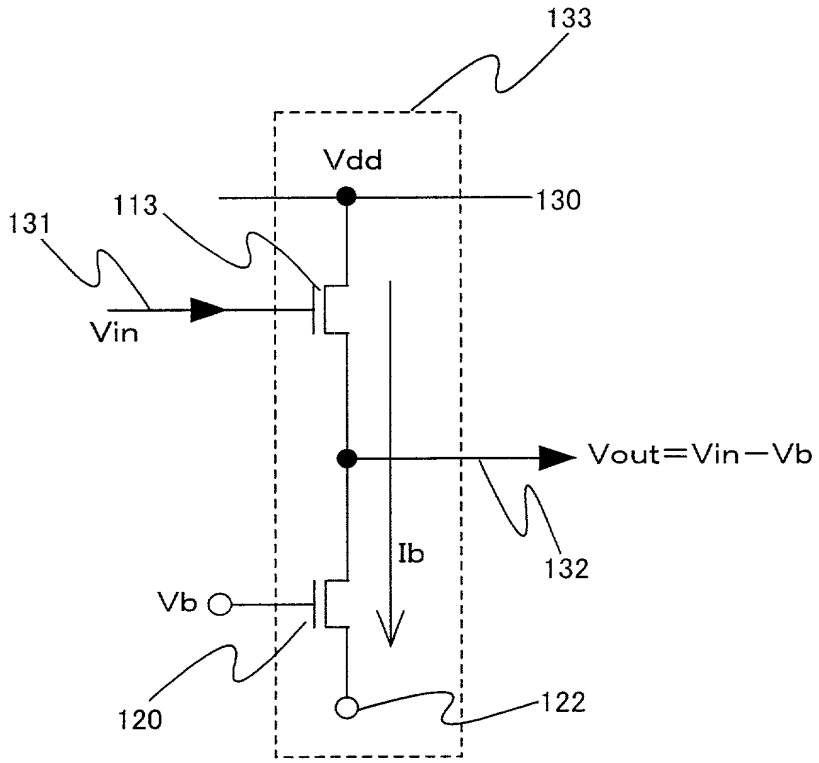


Fig. 17

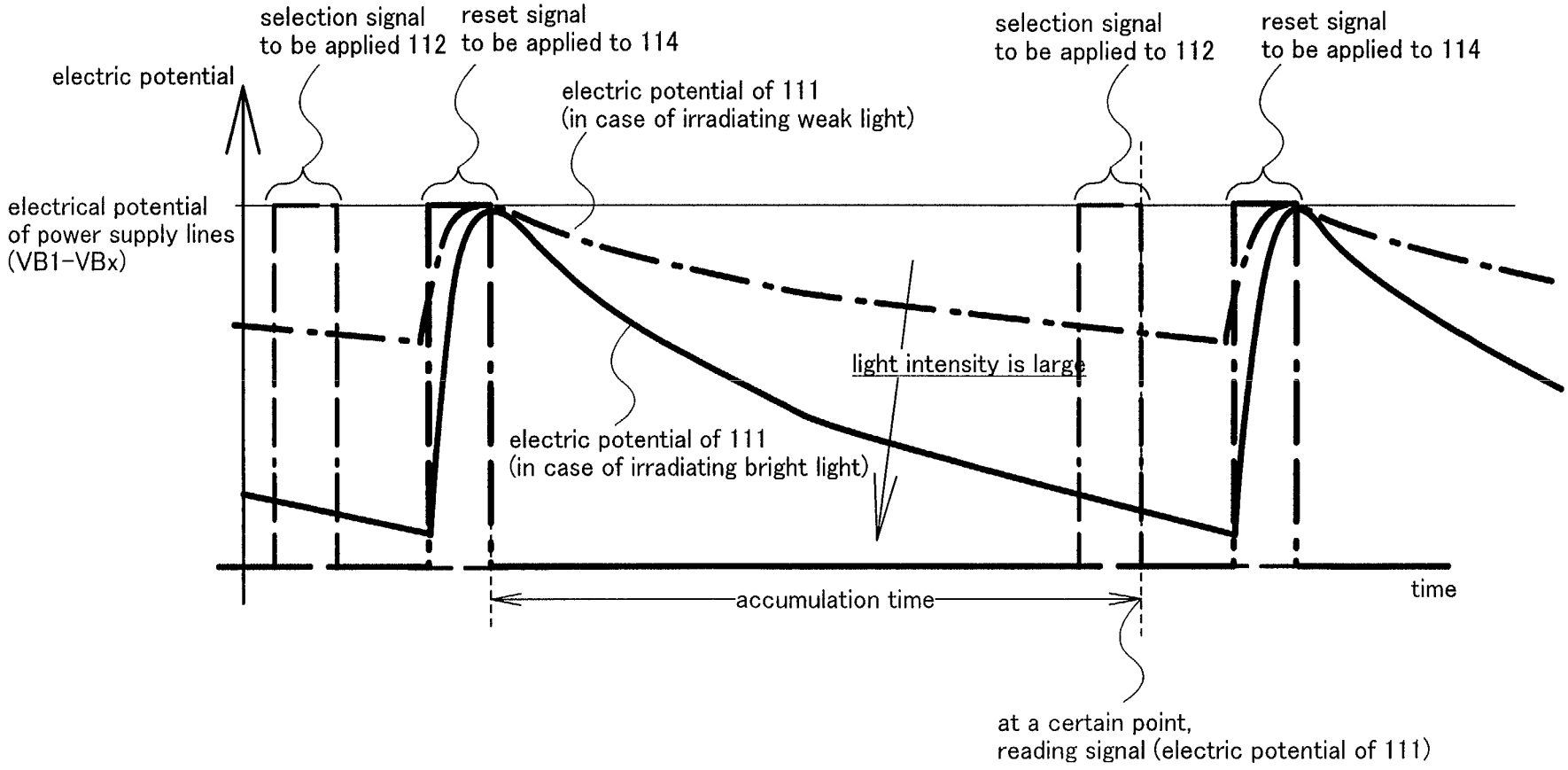

selection signal
to be applied 112
reset signal
to be applied to 114
selection signal
to be applied to 112
reset signal
to be applied to 114
electric potential
electric potential of 111
(in case of irradiating weak light)
electrical potential
of power supply lines
(VB1-VBx)
light intensity is large
electric potential of 111
(in case of irradiating bright light)
accumulation time
time
at a certain point,
reading signal (electric potential of 111)

Fig. 18

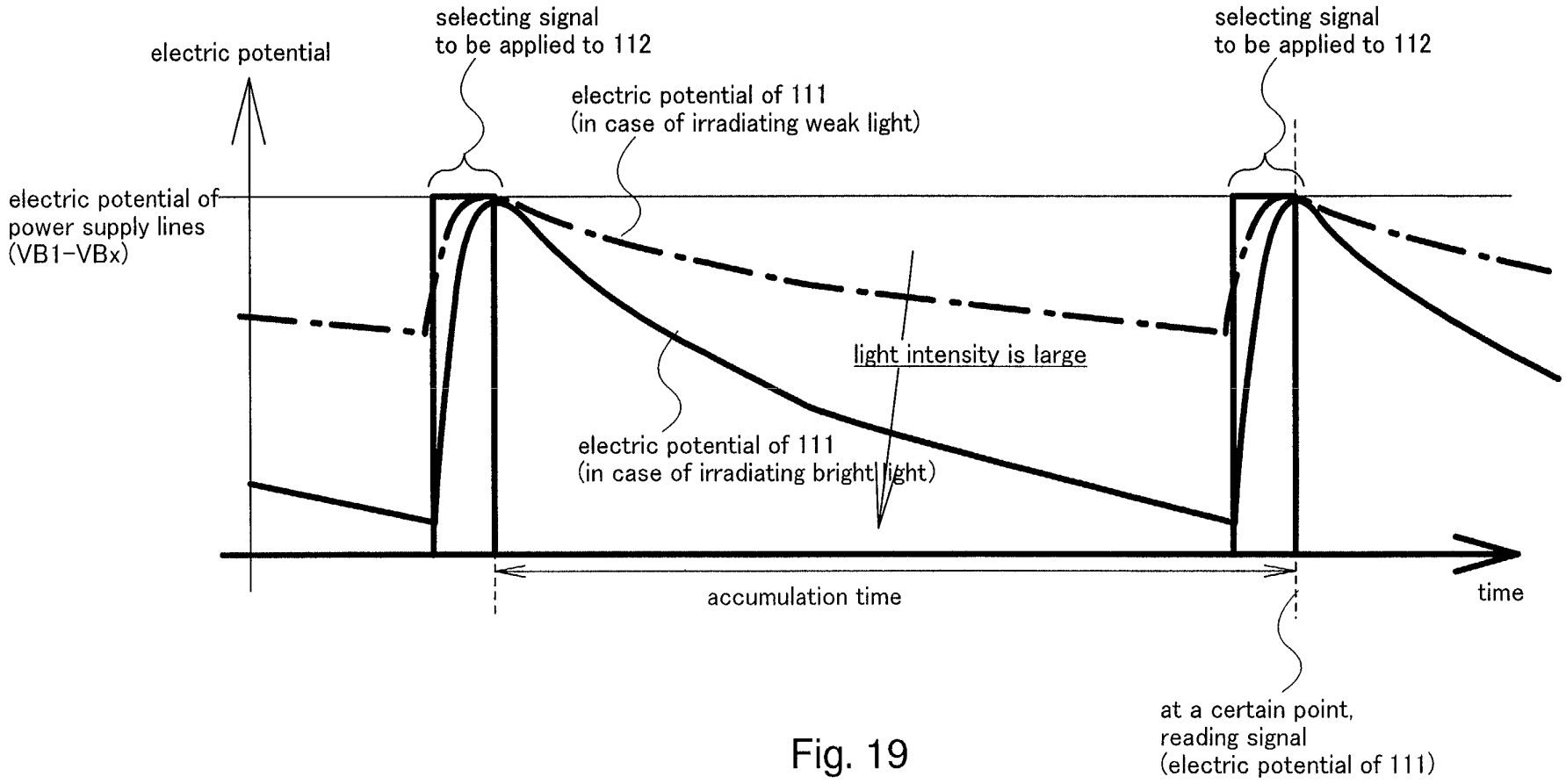

electric potential
selecting signal
to be applied to 112
electric potential of 111
(in case of irradiating weak light)
selecting signal
to be applied to 112
electric potential of
power supply lines
(VB1-VBx)
light intensity is large
electric potential of 111
(in case of irradiating bright light)
accumulation time
time
at a certain point,
reading signal
(electric potential of 111)

Fig. 19